

JUNIOR SECONDARY SCHOOL

GRADE 7 ASSESSMENT TERM 2 2023

INTEGRATED SCIENCE

PAPER 2: PRACTICAL

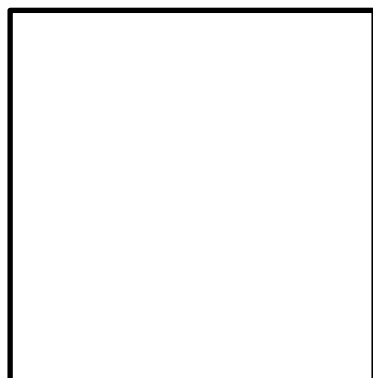
NAME: _____ CODE: _____ DATE: _____

1. You have been provided with the following solutions.
 - i. Solution **A**
 - ii. Solution **B**
 - iii. Solution **C**
 - a. Test whether the solutions are acids or bases
 - i. Solution **A**.....
 - ii. Solution **B**.....
 - iii. Solution **C**.....
2. Write the names of the lab apparatus labelled
Q..... **R**..... **S**.....
T..... **U**..... **V**.....
3. Using the electrical balance provided, measure the mass of the given substances
M..... **N**..... **O**.....
4. Using a thermometer, measure the temperature of the given liquid.
Convert the **o^c** to **Kelvin**

5. The following chemicals have hazard symbols on them. Draw the symbol you see and state the meaning.

Chemical a

Chemical b



6. You have been provided with the following materials.

- I. Ammeter
- II. Switch
- III. Cell holder
- IV. Bulb holder
- V. Wire.
- VI. 2 dry cells

a. You are required to:

i. Make and draw a complete circuit.

ii. Record the Ampere reading of the ammeter

7. You have been provided with

- i. Insoluble solid
- ii. Two containers
- iii. Stirring rod
- iv. Filter paper
- v. Water
- vi. Funnel

a. You are required to

- i. Measure the volume of the water given.....
- ii. Set up the instruments to Separate the mixture.
- iii. Which type of solution has been formed by the mixture?
.....
- iv. Which method of mixture separation is appropriate for the mixture?.....

| Quiz | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------|---|---|---|---|---|---|---|
| Marks | 3 | 6 | 3 | 3 | 5 | 5 | 5 |
| Score | | | | | | | |